

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A system comprising:

- a portal server for displaying a user customizable page comprising information and a plurality of function links for invoking application functions;
- a plurality of applications, wherein each of said plurality of applications performs at least one of the application functions;
- a network framework for:

- identifying a device accessing said portal server; and

- identifying a particular application helper module of a plurality of application helper modules based on a device type of a plurality of device types, wherein said device is of said device type; and

said plurality of application helper modules associated with a plurality of implementations of an application for said plurality of device types, wherein display capabilities of said plurality of device types are heterogeneous amongst said plurality of device types, and wherein each of said plurality of implementations of said application have a corresponding device type of said plurality of device types, and wherein each of said plurality of implementations of said application comprises a user interface formatted for display particular to said display capabilities of said corresponding device type,

wherein each application helper module is associated with a particular implementation of plurality of implementations of said application and is configured to:

- obtain ~~[[an]]~~ a function application link of said plurality of function links, wherein said function link is for said particular implementation of said application, and

- provide said ~~application~~ function link to said portal server for display in said user customizable page, and

- ~~wherein said particular implementation of said application is formatted for said device type, and~~

wherein said portal server accesses said particular implementation of said application using said function ~~application~~ link to provide content from said particular implementation of said application for display on a web page on said device.

2. (Cancelled)
3. (Currently Amended) The system as described in Claim [[2]] 1, wherein further said function requested by said portal server is to launch said application.
4. (Currently Amended) The system as described in Claim [[2]] 1, wherein further said function requested by said portal server is to display information contained in a database record of said application.
5. (Currently Amended) The system as described in Claim [[2]] 1, said function requested by said portal server is to modify preferences associated with said particular implementation of said application.
6. (Currently Amended) The system as described in Claim 5, wherein said link provided by said particular application helper module is null provided said particular application helper module restricts preference modification of said particular implementation of said application based on said device type.
7. (Currently Amended) The system as described in Claim [[2]] 1, wherein said application is an electronic mail application.
8. (Currently Amended) The system as described in Claim [[2]] 1, wherein said application is an electronic calendar application.
9. (Currently Amended) The system as described in Claim [[2]] 1, wherein said application is an electronic address book application.

10. (Previously Presented) The system as described in Claim 1, wherein said application helper module is associated with a class of devices having substantially similar user interface capabilities.

11. (Currently Amended) A method for presenting information on a network system, said method comprising:

based on a determined device type of a device requesting access to a portal server, selecting an appropriate application helper module of a plurality of application helper modules,

wherein said plurality of application helper modules are associated with a plurality of implementations of an application for a plurality of device types,

wherein display capabilities of said plurality of device types are heterogeneous amongst said plurality of device types,

wherein each of said plurality of implementations of said application have a corresponding device type of said plurality of device types,

wherein each of said plurality of implementations of said application comprises a user interface formatted for display particular to said display capabilities of said corresponding device type, and

wherein said appropriate application helper module is associated with a particular implementation of said application of said plurality of implementations, ~~and~~

~~wherein said particular implementation of said application is formatted for said device type;~~

said portal server requesting a function to be performed of said appropriate application helper module;

said appropriate application helper module responding to said function by providing a link to said particular implementation of said application to said portal server;

said portal server displaying said link to said particular implementation of said application within a user-customizable display; and

said portal server providing content from said particular implementation of said application for display on a web page on said device using said link.

12. (Cancelled)

13. (Currently Amended) The method as described in Claim [[12]] 11, wherein said function requested by said portal server is to launch said application.

14. (Currently Amended) The method as described in Claim [[12]] 11, wherein said function requested by said portal server is to display information contained in a database record of said application.

15. (Currently Amended) The method as described in Claim [[12]] 11, wherein said function requested by said portal server is to modify preferences associated with said particular implementation of said application.

16. (Currently Amended) The method as described in Claim 15, wherein said link provided by said appropriate application helper module is null provided said appropriate application helper module restricts preference modification of said particular implementation of said application based on said device type.

17. (Currently Amended) The method as described in Claim [[12]] 11, wherein said application is an electronic mail application.

18. (Currently Amended) The method as described in Claim [[12]] 11, wherein said application is an electronic calendar application.

19. (Currently Amended) The method as described in Claim [[12]] 11, wherein said application is an electronic address book application.

20. (Previously Presented) The method as described in Claim 11, wherein said appropriate application helper module is associated with a class of devices having substantially similar user interface capabilities.

21. (Currently Amended) A method for device specific optimization of applications via a portal server comprising:

determining a device type of a device requesting a function to be performed by a portal server;

selecting an appropriate application helper module from a plurality of application helper modules,

wherein said plurality of application helper modules are associated with a plurality of implementations of an application for a plurality of device types,

wherein display capabilities of said plurality of device types are heterogeneous amongst said plurality of device types,

wherein each of said plurality of implementations of said application have a corresponding device type of said plurality of device types,

wherein each of said plurality of implementations of said application comprises a user interface formatted for display particular to said display capabilities of said corresponding device type, and

wherein said appropriate application helper module is associated with a particular implementation of said application of said plurality of implementations, and

wherein said appropriate application helper is selected based upon said device type of the device requesting said function, and

~~wherein said particular implementation of said application is formatted for said device type;~~

receiving a function request;

said appropriate application helper module responding to said function by providing a link to said particular implementation of said application to said portal server; and

said portal server accessing said particular implementation of said application using said link, wherein accessing said particular implementation of said application comprises: obtaining content from said particular implementation of said application using said link; and

providing said content from said particular implementation of said application for display on a web page on said device.

22. (Cancelled)

23. (Currently Amended) The method as described in Claim [[22]] 21, wherein said function requested by said portal server is to launch said application.

24. (Currently Amended) The method as described in Claim [[22]] 21, wherein said function requested by said portal server is to display information contained in a database record of said application.

25. (Currently Amended) The method as described in Claim [[22]] 21, wherein said function requested by said portal server is to modify preferences associated with said particular implementation of said application.

26. (Currently Amended) The method as described in Claim 25, wherein said link provided by said appropriate application helper module is null provided said appropriate application helper module restricts preference modification of said particular implementation of said application based on said device type.

27. (Currently Amended) The method as described in Claim [[22]] 21, wherein said application is an electronic mail application.

28. (Currently Amended) The method as described in Claim [[22]] 21, wherein said application is an electronic calendar application.

29. (Currently Amended) The method as described in Claim [[22]] 21, wherein said application is an electronic address book application.

30. (Previously Presented) The method as described in Claim 21, wherein said appropriate application helper module is associated with a class of devices having substantially similar user interface capabilities.

31. (New) The system of claim 1, wherein said particular implementation of said application is designated to said corresponding device type by a user of said device receiving said user customizable page.
32. (New) The method of claim 11, wherein said particular implementation of said application is designated to said corresponding device type by a user of said device receiving said user customizable page.
33. (New) The method of claim 21, wherein said particular implementation of said application is designated to said corresponding device type by a user of said device receiving said user customizable page.